LPR 230-03-00.0 Issue Date February 19, 1997

Performance Requirement: Facility Assets

Title: Maintenance Work Control Mandatory Document

Standard Statement:

Maintenance activities support the completion of tasks and facility operations in a safe, timely, and efficient manner.

Performance Criteria:

- 1. Work control methods provide an accurate status of maintenance work.
- 2. Maintenance is properly authorized, controlled, and documented.
- 3. Work planning includes: operational configuration constraints; material, tool, and manpower requirements; inter-organizational coordination; operational history; special training; safety considerations; hazards protection requirements; post-maintenance testing; quality control requirements; and other considerations as necessary.
- 4. The work to be accomplished is defined by identifying the existing deficiency and condition, prescribing appropriate approvals, and including applicable controlled procedures, instructions, and drawings. Statements are included which describe the potential impact on facility operations when equipment is taken out of or placed into service.
- 5. Planning is performed and routinely updated for unscheduled facility outages. Included are considerations for work priority, work procedures and instructions, facility/system conditions, length of outage required, prestaging of documents and material, and coordination of support activities.
- 6. Scheduling, planning, and coordination of maintenance minimize the unnecessary removal of equipment and systems from service.
- 7. Maintenance on safety and security systems is carefully controlled to minimize system unavailability and maximize system reliability.
- 8. Work planning addresses applicable laws, codes, and regulations.

Contractual Work Smart Standards:

10 CFR 830.120, Quality Assurance for Nuclear Facilities

29 CFR 1910, Occupational Safety and Health Standards

AL Supplemental Directive 5481.1b, Safety Analysis and Review System

ANSI B31.1, Power Boilers (most recent edition)

ASME Boiler and Pressure Vessel Code (most recent edition)

DOE O 425.1, Startup and Restart of Nuclear Facilities, Change 1: 10-26-95 with the exception of the DOE O 5480.19 citation

DOE O 5480.20A, Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities, 11-15-94

DOE O 5480.21, Unreviewed Safety Questions, 12-24-91

DOE O 5480.22, Technical Safety Requirements, Change 2: 1-23-96

DOE O 5480.23, Nuclear Safety Analysis Reports, Effective Date: 4-30-92

DOE O 5700.6C, Quality Assurance

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DOE O 6430.1A, General Design Criteria, Division 13

DOE-STD-3013-94, Criteria for Safe Storage of Plutonium Metals and Oxides, 12-94

LANL LPR 270-02, "Perform Assessment of Operating Limits and Start-Up Tests" (currently exists and addresses the philosophy of AL 5480.31 cited below)